

Table V-3. Suisun Marsh Scenarios Evaluation Matrix -- 5,000-Foot Breaches
Mean, Minimum, and Maximum Percent Change from Base on July 29, 1992 1/

Scenario		Morrow Is SWH	Grizzly Is SWH	Simmons Is SWH	Wheeler Is SWH	Chipps Is SWH	Van Sickle Is SWH
Percent Salinity Change from Base (Mean, Min, Max) 2/	Suisun Bay	4.7 (0.0,11.7)	3.5 (0.1,7.1)	2.9 (-0.1,7.7)	2.5 (-0.1,7.0)	1.5 (-0.2,6.0)	0.9 (-0.4,5.7)
	Western Marsh	5.6 (5.0,6.4)	5.9 (4.7,10.2)	-0.9 (-1.5,-0.3)	0.9 (0.4,1.3)	0.3 (0.0,0.9)	0.4 (0.0,1.0)
	Eastern Marsh	4.2 (3.1,5.8)	6.0 (5.3,7.3)	3.8 (-0.9,9.1)	5.5 (0.9,10.3)	2.9 (0.3,5.8)	5.3 (1.6,8.2)
	West Delta	5.7 (4.6,6.4)	6.3 (4.4,7.4)	7.3 (3.4,8.5)	7.2 (2.2,8.2)	4.4 (0.8,5.2)	5.8 (-0.1,7.6)
	North Delta	0.8 (-0.5,4.6)	0.5 (-1.9,4.8)	1.2 (0.0,6.6)	1.4 (0.0,6.7)	1.0 (0.0,4.2)	0.7 (-1.9,5.8)
	South Delta	1.8 (-0.7,3.6)	1.2 (-1.4,3.4)	2.6 (-0.7,5.0)	3.0 (0.0,6.0)	1.9 (0.0,4.3)	1.7 (-1.4,5.1)
X2 Difference From Base (km) 3/		0.69	0.75	0.73	0.62	0.33	0.42
X2 Standard Differences (days) 4/		0/-1/-1	0/-1/-1	0/-1/-1	0/-1/-1	0/-1/0	0/0/0

Scenario		Western Option TM	Northwest Option TM	Central Option TM	Northeast Option TM
Percent Salinity Change from Base (Mean, Min, Max) 2/	Suisun Bay	-0.1 (-0.6,0.2)	-0.1 (-0.5,0.1)	0.1 (-0.7,0.9)	-1.2 (-2.2,-0.1)
	Western Marsh	3.8 (0.0,9.7)	6.4 (0.3,10.9)	11.9 (3.5,20.2)	-6.9 (-13.6,-0.3)
	Eastern Marsh	-4.1 (-8.2,0.3)	-1.3 (-2.5,-0.2)	-1.0 (-14.0,11.3)	-1.3 (-28.9,22.5)
	West Delta	-2.1 (-4.1,-0.4)	-1.1 (-1.8,-0.2)	-3.4 (-6.9,-0.3)	-3.1 (-7.1,-1.5)
	North Delta	-2.3 (-6.7,0.0)	-0.8 (-2.4,0.0)	-3.8 (-11.5,1.8)	-4.6 (-13.6,0.0)
	South Delta	-4.4 (-6.3,0.7)	-1.7 (-2.6,0.3)	-7.2 (-10.4,1.0)	-8.1 (-12.0,1.0)
X2 Difference From Base (km) 3/		-0.33	-0.2	-.058	-0.74
X2 Standard Differences (days) 4/		0/0/0	0/0/0	0/0/3	0/0/3

1/ Based on DWRDSM1 Suisun Marsh Version

2/ Mean, minimum, and maximum salinity change for the indicated region by the indicated levee breach scenario.

3/ Average X2 (February through May 1992): scenario minus base condition in kilometers.

4/ Number of days X2 is downstream of Port Chicago, Chipps Island, and Collinsville: scenario minus base condition in days.